

M A T E R I A L S A F E T Y D A T A S H E E T

ID STAIN WALNUT

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PRODUCT NAME: WOOD STAIN WALNUT
PRODUCT CODE: WS-662

HMIS CODES: H #
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===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: LANCO MFG. CORP.
ADDRESS: URB. APONTE #5
 SAN LORENZO, PUERTO RICO
 00754
EMERGENCY PHONE: (787) 736-4200 **DATE PRINTED:** 08/11/00
FORMATION PHONE: (787) 736-4200 **NAME OF PREPARER:** VICTOR M. HERNANDEZ

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

HAZARDOUS COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
PANOL	67-63-0	33	68 F
ACGIH TLV: 400 PPM, OTHER: 500 PPM			
WETTING SOLVENT	64742-88-7	2	68
OSHA PEL: 500 PPM, ACGIH TLV: 100 PPM, OTHER: N/A			
ACETONE 24%	125328-52-1	10	25 C
WALTO 12%	MIXTURE	1	77
OSHA PEL: 500 PPM, ACGIH TLV: 100 PPM, OTHER: N/A			

Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.
 Information available.

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

TEMPERATURE RANGE: 180 deg F - 380 deg F **SPECIFIC GRAVITY (H2O=1):** 0.82
AIR DENSITY: HEAVIER THAN AIR **EVAPORATION RATE:** SLOWER THAN ETHER
BOILING V.O.C.: 5.56 lb/gal **MATERIAL V.O.C.:** 4.97 lb/gal
SOLUBILITY IN WATER: NON SOLUBLE
APPEARANCE AND ODOR: SOLVENT ODOR

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: 53 deg F **METHOD USED:** TCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: .9 **UPPER:** 14.4

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL, WATER FOG

ADDITIONAL FIREFIGHTING PROCEDURES

LABORATORY EQUIPMENT SHOULD BE WORN TO AVOID INHALATION OF CONCENTRATED VAPOR. WATER SHOULD NOT BE USED EXCEPT AS FOG TO KEEP NEARBY SURFACES COOL.

ADDITIONAL FIRE AND EXPLOSION HAZARDS

HEAVILY FLAMMABLE. VAPORS MAY IGNITE EXPLOSIVELY AND/OR CAUSE FLASH FIRES. ELIMINATE SOURCES OF IGNITION. NO SMOKING. USE ADEQUATE VENTILATION SUFFICIENT TO REMOVE ODOR OF SOLVENT AND VAPORS.

===== SECTION V - REACTIVITY DATA =====

STABILITY: STABLE
CONDITIONS TO AVOID:
 HEAT, POOR VENTILATION, CORROSIVE ATMOSPHERES, EXCESSIVE AGING.

INCOMPATIBILITY (MATERIALS TO AVOID)

OXIDIZING AGENTS, STRONG ACIDS AND OXIDIZING MATERIALS, ALKALINE MATERIALS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

ON MONOXIDE, CARBON DIOXIDE, AND OXIDES OF NITROGEN.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

===== SECTION VI - HEALTH HAZARD DATA =====

RESPIRATORY HEALTH RISKS AND SYMPTOMS OF EXPOSURE

THE SIGNS OF OVEREXPOSURE COULD BE HEADACHE, DIZZINESS, NAUSEA, UPPER RESPIRATORY DRYNESS OR IRRITATION, DROWSINESS, MENTAL DEPRESSION, AND ANOSIS.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

CONTACT: SEVERE IRRITATION, TEARING, REDNESS AND BLURRED VISION.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

CONTACT: CAN DRY AND DEFAAT SKIN CAUSING CRACKS, IRRITATION, AND DERMATITIS.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA, AND DIARRHEA.

HEALTH HAZARDS (ACUTE AND CHRONIC)

INGESTION-DIZZINESS, BREATHING DIFFICULTY, HEADACHES, & LOSS OF COORDINATION. EYE CONTACT-SEVERE IRRITATION, TEARING, REDNESS, AND BLURRED VISION. SKIN CONTACT- CAN DRY AND DEFAAT SKIN CAUSING CRACKS, IRRITATION AND DERMATITIS. INGESTION-CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA, & DIARRHEA. NO CHRONIC HEALTH EFFECTS.

MUTAGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED:

ADDITIONAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

ASTHMA, RESPIRATORY TRACT IRRITATION, DERMATITIS, NAUSEA, VOMITING.

EMERGENCY AND FIRST AID PROCEDURES

SKIN OVEREXPOSURE - MOVE PERSON TO FRESH AIR. IF BREATHING STOPS, APPLY ARTIFICIAL RESPIRATION AND SEEK IMMEDIATE MEDICAL AID. EYE CONTACT- FLUSH WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES. SKIN CONTACT- WASH THOROUGHLY WITH SOAP AND WATER AND SEEK MEDICAL AID. INGESTION DO NOT INDUCE VOMITING, CAN CAUSE CHEMICAL PNEUMONITIS AND PULMONARY EDEMA. CONTACT PHYSICAL IMMEDIATELY.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

IDENTIFY IGNITION SOURCES, PROVIDE GOOD VENTILATION, DIKE SPILL AREA AND ADD ABSORBENT EARTH OR SAWDUST TO SPILLED LIQUID. THOROUGHLY WASH AND MIX.

APPROPRIATE DISPOSAL METHOD

ADD ABSORBENT/ WATER/ SPILLED LIQUID MIXTURE INTO METAL CONTAINERS AND ADD ENOUGH WATER TO COVER. CONSULT LOCAL, STATE & FEDERAL WASTE REGULATION BEFORE DISPOSING INTO APPROVED HAZARDOUS WASTE LANDFILLS. OBEY RELEVANT LAW.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

CONTAINERS CLOSED WHEN NOT IN USE. STORE 60-95 F OUT OF SUN. USE ADEQUATE VENTILATION TO AVOID BREATHING VAPOR WHEN IN COVERED AREA. KEEP AWAY EXCESSIVE HEAT AND OPEN FLAMES.

ADDITIONAL PRECAUTIONS

USE ALL EQUIPMENT WHEN HANDLING FLAMMABLE SOLVENT BORNE MATERIALS. SMOKING IN AREA WHERE THIS MATERIAL IS USED SHOULD BE STRICTLY FORBIDDEN.

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION

WHEN HANDLING THIS MATERIAL USE A NIOSH APPROVED CARTRIDGE RESPIRATOR OR GAS MASK SUITABLE TO KEEP AIRBORNE MISTS AND VAPOUR

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CONCENTRATIONS BELOW THE TIME WEIGHTED THRESHOLD LIMIT VALUES. WHEN USING IN POORLY VENTILATED AND CONFINED SPACES, USE A FRESH-AIR
REMOVING RESPIRATOR OR A SELF-CONTAINED BREATHING APPARATUS.

VENTILATION

SUFFICIENT TO KEEP WORKROOM CONCENTRATION BELOW TLV. VENTILATION EQUIP. MUST BE EXPLOSION PROOF.

PROTECTIVE GLOVES

NITRILE RESISTANT GLOVES.

EYE PROTECTION

CHEMICAL SAFETY GLASSES, GOGGLES, AND FACESHIELDS FOR EYE PROTECTION.

SKIN PROTECTIVE CLOTHING OR EQUIPMENT

IMPERMEABLE APRONS AND PROTECTIVE CLOTHING WHENEVER POSSIBLE TO PREVENT SKIN CONTACT. THE USE OF HEAD CAPS WHENEVER POSSIBLE IS
HEAVILY RECOMMENDED.

HAIR/HYGIENIC PRACTICES

HAIR WASHES AND SAFETY SHOWERS IN THE WORKPLACE IS RECOMMENDED.

===== SECTION IX - DISCLAIMER =====

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